

AMENDMENTS TO THE CLAIMS

Please cancel Claims 1-17, amend Claims 18-22, and add Claims 23-29 as follows:

Claims 1-17 (cancelled)

Claim 18 (currently amended): The compact disc test apparatus of ~~claim 17~~ claim 29, further comprising:

a test equipment interface coupled to the subcode processor, whereby the test equipment interface outputs copy protection information ~~to an operator~~.

Claim 19 (currently amended): The compact disc test apparatus of ~~claim 17~~ claim 29, wherein the subcode data comprises ~~of a first CRC contained~~ a first cyclic redundancy code (CRC) in a sector of the compact disc, wherein the first CRC is validated by the test apparatus, wherein a valid first CRC outputs information of the sector of the compact disc containing the CRC.

Claim 20 (currently amended): The compact disc test apparatus of ~~claim 18 wherein the subcode data comprises of~~ 29, wherein the subcode data comprises:

a first cyclic redundancy code (CRC) ~~contained~~ in a sector of the compact disc, wherein the first CRC is validated by the test apparatus, wherein a valid first CRC outputs information of the sector of the compact disc containing the CRC.

Claim 21 (currently amended): The compact disc test apparatus of claim 19, wherein the subcode data further comprises:

a second CRC ~~contained~~ in the sector of the compact disc, wherein the test apparatus finding an invalid first CRC, validates the second CRC, wherein a valid second CRC allows the test ~~equipment~~ apparatus to decode and output the copy protection data.

Claim 22 (presently amended): The compact disc test apparatus of claim 20, wherein the subcode data further comprises:

a second CRC ~~contained~~ in the sector of the compact disc, wherein the test apparatus finding an invalid first CRC, validates the second CRC, wherein a valid second CRC allows the test ~~equipment~~ apparatus to decode and output the copy protection data.

Claim 23 (new): A method of testing a compact disc, comprising the acts of:

receiving signals from a compact disc under test, wherein the compact disc contains copy protection data conforming to a particular copy protection scheme and identification data identifying the particular copy protection scheme from a plurality of copy protection schemes;

reading the copy protection data and identification data;

determining from the read data if copy protection is present on the compact disc; and

if copy protection is determined to be present, then

determining which of the plurality of copy protection schemes is present from the identification data; and

testing the compact disc in accordance with the determined copy protection scheme.

Claim 24 (new): The method of claim 23, wherein the copy protection data and identification data form at least one copy protection block conforming to Q subcode channel data block format having a Q subcode made field encoded with a Q subcode node value and Q control field encoded with a Q control value jointly defining the identification data.

Claim 25 (new): The method of claim 24, wherein:

the Q control value has a binary value wherein a value of zero is assigned to the bit of the Q control value representing the entry power of two and Q subcode node value is hexadecimal 1.

Claim 26 (new): The method of claim 23, wherein the identification data is read from the lead-out area or lead-in area of the compact disc.

Claim 27 (new): The method of claim 23, wherein the testing includes validating a cyclic redundancy code (CRC) read from the compact disc.

Claim 28 (new): The method of claim 27, wherein the testing further includes validating a second CRC if the first CRC is found invalid.

Claim 29 (new): A compact disc test apparatus comprising:

a demodulator coupled to receive signals from a compact disc under test containing copy protection data and identification data; wherein the demodulator processes the signal into subcode data containing the copy protection data and identification data; and

a subcode processor coupled to the demodulation and that receives and reads the subcode data;

wherein the test apparatus determines if copy protection is present on the compact disc from the subcode data, and if copy protection is present, then determines which of a plurality of copy protection schemes is present from the identification data, and tests the compact disc in accordance with the determined copy protection scheme.